

BORING LOG PROJECT METCALF										ENERG	Y CE	NTE	:	JOB NO. 24193-100	SHEET NO. 1 OF		: 2	HOLE NO. B-114
SITE COORDINATES STEAM TURBINE N 1,905,244.42 E 6,198,924									E 6,198,924	.28					ANGLE FROM HO	ORIZ.	BEARING	
BEGUN COMPLETED DRILLER 4/24/1999 4/24/1999 TREATWELL & ROLLO (PITE)									ROLLO (PITO	CHER [RILL	JNG)	DRILL MAKE AND MODEL FAILING 1500	HOLE SIZE 4 3\4	OVERBURDEN 46.5		ROCK	TOTAL DEPTH 46.5
CORE RECOVERY CORE BOXES NONE										SAMPLES 13				GROUND EL. 250.86	DEPTH/EL. OF GWT		DEPTH/EL. TOP	OF ROCK
SAMPLE HAMMER WEIGHT\FALL CA										CASING NONE	CASING LEFT IN HOLE: DIA./LENGTH LOGGED BY:							
						PENETRATION			-				<u> </u>				NOTES ON WATER LEVEL WATER RETURN	
			1		₩.	BLOWS		DESCRIPTION AND CLASSIFICATION					CHARACTER O	F DRILLING				
SAMPLE TYPE	SAMPLE ADVANCE	ENGTH CORE RUN	SAMPLE RECOVERY	CORE RECOVERY	SAMPLE BLOWS 'N' PERCENT CORE RECOVERY	IST 6 INCHED	2ND 6 INCHES	3RD 6 INCHES	ELEVATION	ЭЕРТН	SRAPHIC LOG	SAMPLE						
SS 18" 6" 7				6 3 4					1	Dark brown, medium stiff,	clayey SILT	•	6" auger t	o 2.5'				
																	Wash bor	ina
SS	18"		12"		4 1 2 2						2	Dark brown, soft, SILT, tra		below 2.5'				
			-		•	·	_	_	245.2	5			<u> </u>	20.011 2.0				
SS	18"		12"		18	10	9	9				3	Top 2" same, Dark brown,	medium de	nse, silty			
													fine to coarse SAND, trace	e gravel				
SS	18"		8"		11	4	4	7				4	Brown, fine to coarse SAN					
	l								240.37	10		_	gravel				Set 5" cas	sing to
SS	18"		6"		34	15	21	13				5	Grayish brown, dense, fine	e to coarse s	SAND and G	BRAVEL	10'	
SS	18"		6"		23	6	9	14				6	Grayish brown, medium dense, fine to coarse SAND and GRAVEL					
SS	18"		3"		26	3	5	21		15		7	Grayish brown, medium dense, fine to coarse					
													SAND and GRAVEL					
										20								
SS	18"		6"		54	16	31	23				8	Grayish brown, very dense	arse				
													SAND and GRAVEL					
										25								
SS	18"		12"		37	13	16	21		25		9	Grayish black, dense, fine	to coarse				
00	10		12		31	10	10	21				3	SAND and GRAVEL, som		f clav			
										30								
SS	18"		5"		36	11	15	21				10	Grayish black, dense, fine					
				+									SAND and GRAVEL, som	e pockets o	f clay			
	1			1														
	1			-						35								
SS = SPLIT SPOON: ST = SHELBY TUBE; MCS = MODIFIED CALF. SAMPLER										SITE						HOLE NO.		
										STEAM	STEAM TURBINE							



										PROJECT METCALF ENERGY CENTER						SHEET NO.	2	HOLE NO. B-114
SITE COORDINATES STEAM TURBINE N 1,905,244.42 E 6,198,924.															ANGLE FROM HO	ORIZ.	BEARING	
BEGUN 4/24/19	99		PLETE		DRILLE		LL & R	OLLO (PITO	CHER DRILLING)				DRILL MAKE AND MODEL FAILING 1500	HOLE SIZE	OVERBURDEN 46.5	i	ROCK	TOTAL DEPTH 46.5
CORE RECOVERY CORE BOXES NONE											Í	SAMPLES 13	EL. TOP OF CASING	GROUND EL. 250.86	DEPTH/EL. OF G		DEPTH/EL. TOP	
SAMPLE HAMMER WEIGHT\FALL									CASING LEFT IN HOLE: DIA/LENGTH LOGGED BY: NONE KR BELL							I		
		ENGTH CORE RUN AMPLE RECOVERY CORE RECOVERY AMPLE BLOWS 'N' FERCENT CORE RECOVERY		PENETRATION BLOWS G S S S S S S S S S S S S S S S S S S				LOG			DESCRIPTION AND CLASSIFICATION				NOTES ON WA' WATER RETUR CHARACTER O	N		
SAMPLE TYPE AND DIAMETER	SAMPLE /	SAMPLE	CORE RE	SAMPLE E	IST 6 INCHED	2ND 6 INCHES	3RD 6 INCHES	ELEVATION	ЭЕРТН	SRAPHIC LOG	SAMPLE							
SS	18"	6"		20	5	6	14						Grayish brown, medium dense, fine to coarse					
												SAND a	nd GRAVEL, som	e pockets of	clay			
							40											
SS 18" 12" 39 23 21				18		40		12	Grayish	brown, dense, fine	e to coarse,	SAND and						
										GRAVE	L, some pockets of	of clay						
									45									
SS	18"	12"		48	27	28	20	204.87			13	Bottom 6	6": Brownish black	k, dense, me	dium to coa	ırse		
								203.87				SAND						
												Bottom o	of hole at 46.5 fee	t. Hole grou	ted to			
											surface	upon completion o	of drilling.					
														-				
SS = SPLIT SPOON: ST = SHELBY TUBE; MCS = MODIFIED CALF. SAMPLER											SITE						HOLE NO.	
D = DENN	D = DENNISON; P = PITCHER; O = OTHER										STEAM TURBINE							